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JCS 628 U.S. PTO  
08/30/01

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09-04-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 11738.00029

First Inventor Daryle Lee Petersen

Title Method For Convection Enhanced Delivery Catheter To Treat Brain And Other Tumors

Express Mail Label No. EL 735123786 US

11036 U.S. PTO  
09/945471A  
08/30/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 20]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5 ]
- Oath or Declaration [Total Pages 3 ]  
 a.  Newly executed (original or copy)
   
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*
  
 i.  **DELETION OF INVENTOR(S)**  
*Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).*
- Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for PatentsBox Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney (*when there is an assignee*)
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

22908

or  Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)

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|-------------------|--------------------------|-----------------------------------|--------|
| Name (Print/Type) | Janice V. Mitrius        | Registration No. (Attorney/Agent) | 43,808 |
| Signature         | <i>Janice V. Mitrius</i> |                                   | Date   |

August 30, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1422)

| Complete if Known    |                     |
|----------------------|---------------------|
| Application Number   | n/a                 |
| Filing Date          | August 30, 2001     |
| First Named Inventor | Daryle Lee Petersen |
| Examiner Name        | n/a                 |
| Group / Art Unit     | n/a                 |
| Attorney Docket No.  | 11738.00029         |

| METHOD OF PAYMENT (check one)   |                       |                            |   | FEE CALCULATION (continued)  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
|---|-----------------------|----------------------------|---|--|--|--|--|----------|-----------------------|----------------------------|-----------------|----------|-----|-----|-----|--|--|-----|----|-----|---|--|-----|-----|-----|-------------------------------|--|-----|-------|-----|--|--|-----|------|-----|---|--|-----|--------|-----|--|--|-----|-----|-----|---|--|-----|-----|-----|---|--|-----|-----|-----|--|--|-----|-------|-----|---|--|-----|-------|-----|--|--|-----|-----|-----|----------------------|--|-----|-----|-----|--|--|-----|-----|-----|------------------------------|--|-----|-------|-----|---|--|-----|-----|-----|-------------------------------------|--|-----|-------|-----|--|--|-----|-------|-----|------------------------------------|--|-----|-----|-----|----------------------|--|-----|-----|-----|---------------------|--|-----|-----|-----|-----------------------------------|--|-----|-----|-----|---|--|-----|-----|-----|---|--|-----|----|-----|---|----|-----|-----|-----|---|--|-----|-----|-----|--|--|-----|-----|-----|---|--|-----|-----|-----|---|--|---------------------------|--|--|--|-----------------------------------|--|--|--|----------------------|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="01-0850"/></p> <p>Deposit Account Name <input type="text" value="Banner &amp; Witcoff, Ltd."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> |                       |                            |   | <p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620 Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220 Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130 Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 40)</td> </tr> </tbody> </table> |  |  |  | Fee Code | Large Entity Fee (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65 Surcharge - late filing fee or oath |  | 127 | 50 | 227 | 25 Surcharge - late provisional filing fee or cover sheet |  | 139 | 130 | 139 | 130 Non-English specification |  | 147 | 2,520 | 147 | 2,520 For filing a request for reexamination |  | 112 | 920* | 112 | 920* Requesting publication of SIR prior to Examiner action |  | 113 | 1,840* | 113 | 1,840* Requesting publication of SIR after Examiner action |  | 115 | 110 | 215 | 55 Extension for reply within first month |  | 116 | 390 | 216 | 195 Extension for reply within second month |  | 117 | 890 | 217 | 445 Extension for reply within third month |  | 118 | 1,390 | 218 | 695 Extension for reply within fourth month |  | 128 | 1,890 | 228 | 945 Extension for reply within fifth month |  | 119 | 310 | 219 | 155 Notice of Appeal |  | 120 | 310 | 220 | 155 Filing a brief in support of an appeal |  | 121 | 270 | 221 | 135 Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 Petition to revive – unavoidable |  | 141 | 1,240 | 241 | 620 Petition to revive – unintentional |  | 142 | 1,240 | 242 | 620 Utility issue fee (or reissue) |  | 143 | 440 | 243 | 220 Design issue fee |  | 144 | 600 | 244 | 300 Plant issue fee |  | 122 | 130 | 122 | 130 Petitions to the Commissioner |  | 123 | 130 | 123 | 130 Petitions related to provisional applications |  | 126 | 180 | 126 | 180 Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) | 40 | 146 | 710 | 246 | 355 Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 710 | 249 | 355 For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 710 | 279 | 355 Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  | SUBTOTAL (3) (\$ 40) |
| Fee Code  | Large Entity Fee (\$) | Small Entity Fee Code (\$) | Fee Description   | Fee Paid   |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 105   | 130                   | 205                        | 65 Surcharge - late filing fee or oath  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 127   | 50                    | 227                        | 25 Surcharge - late provisional filing fee or cover sheet                     |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 139   | 130                   | 139                        | 130 Non-English specification   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 147   | 2,520                 | 147                        | 2,520 For filing a request for reexamination                                  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 112   | 920*                  | 112                        | 920* Requesting publication of SIR prior to Examiner action                   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 113   | 1,840*                | 113                        | 1,840* Requesting publication of SIR after Examiner action                    |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 115   | 110                   | 215                        | 55 Extension for reply within first month                                     |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 116   | 390                   | 216                        | 195 Extension for reply within second month                                   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 117   | 890                   | 217                        | 445 Extension for reply within third month                                    |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 118   | 1,390                 | 218                        | 695 Extension for reply within fourth month                                   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 128   | 1,890                 | 228                        | 945 Extension for reply within fifth month                                    |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 119   | 310                   | 219                        | 155 Notice of Appeal  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 120   | 310                   | 220                        | 155 Filing a brief in support of an appeal                                    |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 121   | 270                   | 221                        | 135 Request for oral hearing  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 138   | 1,510                 | 138                        | 1,510 Petition to institute a public use proceeding                           |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 140   | 110                   | 240                        | 55 Petition to revive – unavoidable   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 141   | 1,240                 | 241                        | 620 Petition to revive – unintentional  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 142   | 1,240                 | 242                        | 620 Utility issue fee (or reissue)  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 143   | 440                   | 243                        | 220 Design issue fee  |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 144   | 600                   | 244                        | 300 Plant issue fee   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 122   | 130                   | 122                        | 130 Petitions to the Commissioner   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 123   | 130                   | 123                        | 130 Petitions related to provisional applications                             |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 126   | 180                   | 126                        | 180 Submission of Information Disclosure Stmt                                 |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 581   | 40                    | 581                        | 40 Recording each patent assignment per property (times number of properties) | 40   |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 146   | 710                   | 246                        | 355 Filing a submission after final rejection (37 CFR § 1.129(a))             |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 149   | 710                   | 249                        | 355 For each additional invention to be examined (37 CFR § 1.129(b))          |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 179   | 710                   | 279                        | 355 Request for Continued Examination (RCE)                                   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| 169   | 900                   | 169                        | 900 Request for expedited examination of a design application                 |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| Other fee (specify) _____   |                       |                            |   |  |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
| *Reduced by Basic Filing Fee Paid   |                       |                            |   | SUBTOTAL (3) (\$ 40)   |  |  |  |          |                       |                            |                 |          |     |     |     |  |  |     |    |     |   |  |     |     |     |                               |  |     |       |     |  |  |     |      |     |   |  |     |        |     |  |  |     |     |     |   |  |     |     |     |   |  |     |     |     |  |  |     |       |     |   |  |     |       |     |  |  |     |     |     |                      |  |     |     |     |  |  |     |     |     |                              |  |     |       |     |   |  |     |     |     |                                     |  |     |       |     |  |  |     |       |     |                                    |  |     |     |     |                      |  |     |     |     |                     |  |     |     |     |                                   |  |     |     |     |   |  |     |     |     |   |  |     |    |     |   |    |     |     |     |   |  |     |     |     |  |  |     |     |     |   |  |     |     |     |   |  |                           |  |  |  |                                   |  |  |  |                      |
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## SUBMITTED BY

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|                   |   |                                  |        |           |                 |
|-------------------|---|----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | Janice V. Mitrius   | Registration No. Attorney/Agent) | 43,808 | Telephone | 312-715-1000    |
| Signature         |  |                                  |        | Date      | August 30, 2001 |

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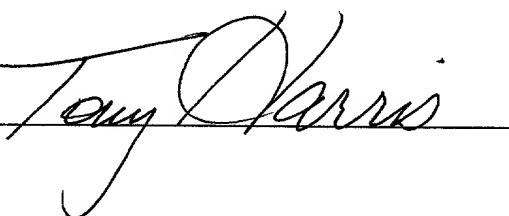
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By: 

Application of: Daryle Lee Petersen

Filing Date: August 30, 2001

Title: Method For Convection Enhanced Delivery Catheter To Treat Brain And Other Tumors

Transmitted herewith are the following documents:

- X Utility Patent Application Transmittal (1 page) in duplicate
- X Fee Transmittal (1 page) in duplicate
- X Specification, claims and abstract (20 pages)
- X Informal Drawings (5 pages) Figs. 1-5
- X Executed Declaration (3 pages)
- X Recordation Form Cover Sheet (2 pages)
- X Executed Assignment (2 pages)
- X Return Postcard

Attorney Case No.: 11738.00029